

A. W. H. McL & N Docket N .

ARMSTRONG, WESTERMAN, HATTORI, MCLELAND & NAUGHTON

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
 (Insert Title) NEMATIC LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY DEVICE
 USING THE SAME

the specification of which

(Check one of blocks 1, 2, or 3.
 See note A on back of this page)

1. is attached hereto.
2. was filed on September 10, 1999 as
 International PCT Application Serial No. PCT/JP99/04918
 and was amended on _____ (if applicable)
3. was filed on _____ as
 U.S. Application Serial No. _____
 and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed:

			Priority Claimed
<input type="checkbox"/> (List prior foreign applications. See note B on back of this page)	Patent 10-266993 (Number)	Japan (Country)	<u>21/09/1998</u> (Day/Month/Year Filed) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Patent 11-150024 (Number)	Japan (Country)	<u>28/05/1999</u> (Day/Month/Year Filed) <input type="checkbox"/> Yes <input type="checkbox"/> No
	Patent 11-187087 (Number)	Japan (Country)	<u>30/06/1999</u> (Day/Month/Year Filed) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Patent 11-222046 (Number)	Japan (Country)	<u>05/08/1999</u> (Day/Month/Year Filed) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

(See note C on back of this page)

See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(List Prior U.S. Applications)	(Application Serial Number)	(Filing Date)	(Status) (patented, pending, abandoned)

(Application Serial Number) (Filing Date) (Status) (patented, pending, abandoned)

And I hereby appoint as principal Attorneys James E. Armstrong, III, Reg. No. 18,366; William F. Westerman, Reg. No. 29,988; Ken-Ichi Hattori, Reg. No. 32,861; John R. Pegan, Reg. No. 18,069; William G. Kratz, Jr., Reg. No. 22,631; Le-Nhung McLeland, Reg. No. 31,541; James P. Welch, Reg. No. 17,379; Ronald F. Naughton, Reg. No. 24,616; Albert Tockman, Reg. No. 19,722; J. Herbert O'Toole, Reg. No. 31,404; Mel R. Quintos, Reg. No. 31,898; Michael J. Foycik, Jr., Reg. No. 30,928; Mary E. Gormley, Reg. No. 34,409; James C. Lydon, Reg. No. 30,082; Vivian P. Kafalenos, Reg. No. 32,903; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; Gregory R. Muir, Reg. No. 35,293; William L. Brooks, Reg. No. 34,129; Joseph J. Zito, Reg. No. 32,076; Stephen B. Parker, Reg. No. P-36,631.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, the United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(See note D) Full name of sole or first inventor Kiyofumi Takeuchi

on back of this page) Inventor's signature Kiyofumi Takeuchi March 9, 2001

Date

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3-00 Full name of third joint inventor, if any Hirokazu Yanagihara March 9, 2001
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Full name of fourth joint inventor, if any _____
 Inventor's signature _____ Date
 Residence _____
 Citizenship _____
 Post Office Address _____

Full name of fifth joint inventor, if any _____
 Inventor's signature _____ Date
 Residence _____
 Citizenship _____
 Post Office Address _____

Full name of sixth joint inventor, if any _____
 Inventor's signature _____ Date
 Residence _____
 Citizenship _____
 Post Office Address _____

Full name of seventh joint inventor, if any _____
 Inventor's signature _____ Date
 Residence _____
 Citizenship _____
 Post Office Address _____

Full name of eighth joint inventor, if any _____
 Inventor's signature _____ Date
 Residence _____
 Citizenship _____
 Post Office Address _____